

IN THE CLAIMS:

1. (Currently Amended) A network system, comprising:

a distributed network system;

a network processor said processor being connected to ~~said a~~ network;

system data storage, said processor being connected to said system data storage; and

5 sets of administrator data packets including contact telephone data and voice packets,

said voice packets having human speech message content, said network processor receiving

alert data including one or more of status data, fault data and error data, selecting one of said

sets of administrator data packets based on a predefined correlation of said sets of

administrator data packets to said one or more of status data, fault data and error data and

10 initiating a telephone call including sending the selected packets in response to said alert data

including sending voice packets to a contact telephone based on said contact telephone data.

2. (Currently Amended) A network system according to claim 1, further comprising:

a telephone line network interface connected to a public telephone line or wide area
network and connected to said network, said network processor sending packets to said
telephone line network interface for initiating a call based on said contact telephone data.

3. (Currently Amended) A network system according to claim 2, wherein said voice
packets are converted to analogue voice signals at said telephone line network interface for said
call.

4. (Original) A network system according to claim 1, further comprising:

a plurality of network telephones, each network telephone being connected to said network and sending packets to and receiving packets from said network, including control packets from the network processor and telephone voice packets, said network processor
5 monitoring a network telephone system including said network, and said network telephones, said network processor sending packets to said network including address data, as said contact telephone data, for one or more of said network telephones for initiating a call based on said address data and for converting said voice packets to analogue voice signals at said one or more of said network telephones for said call.

5. (Original) A network system according to claim 1, further comprising:

a network telephone connected to said network via an Internet gateway, said network telephone sending packets to and receiving packets from said network via said gateway, including control packets from said network processor and telephone voice packets, said
5 network processor sending packets to said network including address data, as said contact telephone data, for said network telephone connected to said network via the Internet gateway for initiating a call based on said address data and for converting said voice packets to analogue voice signals at said one or more of said network telephones for said call.

6. (Original) A network system according to claim 1, further comprising:

a network device connected to said network, said network device sending packets to

and receiving packets from said network, said network processor sending packets to said network device including address data, as said contact telephone data, for said network device for initiating a voice message based on said address data and for converting said voice packets to analogue voice signals at said network device.

7. (Original) A network system according to claim 1, further comprising:

a network device connected to said network, said network device sending packets to and receiving packets from said network, said network device being operatively connected to a paging system, said network processor sending packets to said network device including address data, as said contact telephone data, for said network device for initiating a voice message based on said address data and for converting said voice packets to analogue voice signals at a device and for initiating a page at said paging system.

8. (Original) A network system according to claim 1, further comprising:

a network device connected to said network and a software interface providing a display of data in said data storage, said data including settings data and preferences for changing at least said contact telephone data and for associating voice messages comprised of said voice data with one or more of potential status data, fault data, error data or types of status data, fault data or error data and established criteria.

9. (Original) A network system according to claim 8, wherein said software interface

is a graphical user interface for establishing settings and preferences including defined criteria for sending administrator data packets.

10. (Currently Amended) A network system according to claim 8, wherein said voice data includes a plurality of message prompts whereby said software interface allows selection of one or more of said different human speech message content for each of said sets of administrator data packets prompts for sending upon defined criteria being reached by said network system.

11. (Currently Amended) A network system according to claim 8, wherein said defined established criteria includes one or more of disk space status, memory status, error messages and connection status.

12. (Original) A network system according to claim 4, wherein at least one of said network telephones provides a display of at least some data in said data storage, said data including settings data and preferences for changing at least said contact telephone data and for associating voice messages comprised of said voice packets with potential status data, fault data or error data or types of status data, fault data or error data.

13. (Currently Amended) A network telephone system comprising:
a distributed network;

a network call processor connected to said distributed network, said network call processor having a memory for system settings and administration information;

a telephone line network interface connected to a telephone line and connected to said distributed network for receiving packets in the same collision domain as said distributed
5 network or connected to a network with a different collision domain or a wide area network
for receiving packets for said distributed network via said network with a different collision
domain or via said wide area network;

a plurality of network telephones, each network telephone being connected to said network and sending packets to and receiving packets from the network, including control
10 packets from the network call processor and telephone voice packets from telephone line signals at said telephone line network interface, said network call processor monitoring said system ~~and issuing a notification upon the system reaching one or more defined criteria,~~
~~wherein the notification includes sending one of several prompts from the network call processor to one of the network telephones, a telephone connected via a public system or a~~
15 ~~connected computer or network device and said prompt includes voice data providing an audio message; and~~

sets of administrator data packets each of said sets including contact telephone data and
voice packets, said contact data of a contact telephone corresponding to a network telephone
address, or an address for sending packets to the telephone line network interface and a
20 telephone number of a telephone connected to the public switched telephone network of the
telephone line, said voice packets having human speech message content, said network call

processor receiving alert data during monitoring including one or more of status data, fault data and error data and selecting one of said sets said administrator data packets based on a predefined correlation of said human speech message content to said one or more of status data, fault data and error data and making a telephone call to the contact telephone by sending the selected packets in response to said alert data including voice packets to the contact telephone based on said contact telephone data.

14. (Currently Amended) A network telephone system comprising:

a distributed network;

a network call processor connected to said network, said network call processor having a memory for system settings and administration information;

a telephone line network interface connected to a telephone line and connected to said network;

a plurality of network telephones, each network telephone being connected to said network and sending packets to and receiving packets from the network, including control packets from the network call processor and telephone voice packets from telephone line signals at said telephone line network interface, said network call processor monitoring said system and issuing a notification upon the system reaching one or more defined criteria, wherein the notification includes sending one of several prompts from the network call processor to one of the network telephones, a telephone connected via a public system or a connected computer or network device and said prompt includes voice data providing an audio

message ~~A network system according to claim 13, further comprising, and~~

a line card connected to a public telephone line and connected to said network, said network processor sending packets to said telephone line card for initiating a call or connection based on said contact telephone data wherein said network includes an Ethernet path having a collision domain with said network telephones connected thereto and further comprising another Ethernet path having a collision domain providing a connection between said network call processor and said line card, said another Ethernet path being connected to said Ethernet path.

15. (Original) A network system according to claim 13, further comprising a network server with data storage, said network call processor being connected to said server.

16. (Currently Amended) A network process, comprising:

providing a network system including a network processor, system data storage and devices connected to the network;

providing a plurality of network telephones, each network telephone being connected to said network and sending packets to and receiving packets from said network and converting said voice packets to analogue voice signals at said one or more of said network telephones for said call;

using said processor as a network call processor including monitoring a network telephone system, said network call processor sending packets to said network including

address data for one or more of said network telephones;

providing a telephone line network interface connected to said network and providing a connection to a public switched telephone network;

5 monitoring at least the status of the network system with the network processor for alert data including one or more of status data, fault data and error data;

generating sets of administrator data packets and saving said sets of administrator data packets, said administrator data packets including contact telephone data and voice packets, said contact telephone data including data of a contact telephone with a corresponding address of one of said network telephones or an address of said telephone line network interface and
10 a telephone number of a telephone connected to the public switched telephone network, said voice packets having different human speech message content for each of said sets of administrator data packets; and

making a telephone call to the contact telephone including issuing an alert voice message upon said network processor receiving alert data and including selecting one of said
15 sets of administrator data packets based on a predefined correlation of said sets of administrator data packets to said one or more of status data, fault data and error data and sending the selected packets in response to said alert data including sending said voice packets with voice data saved in system data storage based on said contact telephone data saved in the system data storage.

17. (Currently Amended) A network process according to claim 16, wherein said

~~system includes a telephone line network interface connected to said network and providing a connection to a public telephone system, said network processor being a network call processor sending packets to said telephone line network interface for initiating~~ initiates a call based on said contact telephone data and ~~for converting~~ converts said voice packets to analogue voice signals at said telephone line network interface for said call, said telephone line interface being connected to said network processor directly by an Ethernet path having the same collision domain as said network processor or via additional Ethernet paths having different collision domains from said network processor.

18. (Cancelled).

19. (Currently Amended) A network process according to claim 16, wherein said ~~processor is a network call processor monitoring a network telephone system including a at~~ least one of said network telephone telephones is connected to said network via an Internet gateway, said network telephone sending packets to and receiving packets from said network via said gateway, said network call processor sending packets to said network including address data, as said contact telephone data, for said network telephone connected to said network via the Internet gateway for initiating a call based on said address data and for converting said voice packets to analogue voice signals at said one or more of said network telephones for said call.

20. (Original) A network process according to claim 16, wherein said network includes a network device connected to said network, said network device sending packets to and receiving packets from said network, said network processor sending packets to said network device including address data, as said contact telephone data, for said network device for
5 initiating a voice message based on said address data and for converting said voice packets to analogue voice signals at said network device.

21. (Original) A network process according to claim 16, wherein said network includes a network device connected to said network, said network device sending packets to and receiving packets from said network, said network device being operatively connected to a paging system, said network call processor sending packets to said network device including
5 address data, as said contact telephone data, said network device providing a audio page.

22. (Currently Amended) A network process according to claim 16, further comprising the steps of:

providing a software interface at a network device;

providing a display of selected portions of data in said data storage, said data including
5 settings data and preferences;

changing contact telephone data;

setting the correlation of said sets of administrator data packets to said one or more of status data, fault data and error data ~~or making preferences~~, with the software interface

associating voice messages comprised of said voice data with potential status data, fault data or error data or types of status data, fault data or error data.

23. (Original) A network process according to claim 22, wherein said software interface includes a web browser and web pages accessible from said data storage based on an address associated with the network.

24. (Currently Amended) A network process according to claim 22, wherein said voice data includes a plurality of message prompts whereby said software interface allows selection of one or more of said prompts for inclusion in one or more of said sets of administrator data packets, ~~for sending to one or more network audio playing device, based on said contact telephone data, upon defined criteria being reached by said network system.~~

25. (Original) A network process according to claim 24, wherein at least some of said message prompts are prerecorded and precorrelated with defined criteria for sending administrator data packets.

26. (Currently Amended) A network process according to claim 18, further comprising:

providing a display of at least some data in said data storage at least on one of said network telephones.